

Message

**From:** Villamizar, Nicole [Villamizar.Nicole@epa.gov]  
**Sent:** 6/3/2016 8:21:04 PM  
**To:** Mooney, Charlotte [Mooney.Charlotte@epa.gov]  
**CC:** Carusiello, Chris [Carusiello.Chris@epa.gov]; Janjic, Ksenija [Janjic.Ksenija@epa.gov]  
**Subject:** FW: Tire Crumb processing facilities contact list  
**Attachments:** DRAFT potential manufacturing sites for sampling 6.3.16.xlsx

Charlotte, for your records, here is the draft list of facilities we provided to ORD for potential sampling purposes. As we discussed, we'll be reaching out to those where we have an established relationship to see if they are amenable (and ORD will then follow-up). For any facilities we haven't talked with yet, ORD will be making the initial contact. Thank you, Chris!

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**From:** Carusiello, Chris  
**Sent:** Friday, June 03, 2016 4:04 PM  
**To:** McQueen, Jacqueline <McQueen.Jacqueline@epa.gov>  
**Cc:** Janjic, Ksenija <Janjic.Ksenija@epa.gov>; Villamizar, Nicole <Villamizar.Nicole@epa.gov>  
**Subject:** Tire Crumb processing facilities contact list

Hi Jackie,

Please find attached our list of potential crumb rubber manufacturing sites to sample.

There are some gaps in the table that would require initial calls to fill out that information (such as type of crumb rubber produced, types of tires used, and if the material is used primarily for infill), and would require that ORD give the facilities a call to get that.

We included more than one Ex. 3 [CERCLA section 104(e)(7)(42 USC 9604(e)(7))] due to conversations with Ex. 3 [CERCLA section 104(e)(7)(42 USC 9604(e)(7))] on those facilities. Every company up until #11 was included on the list that the Recycled Rubber Council gave us stating that these facilities supply over 95% of the total market. Facility #11 is in Ex. 3 [CERCLA section 104(e)(7)(42 USC 9604(e)(7))] but if that is outside the sampling scope we can exclude it. And finally #12-15 were from Ex. 3 [CERCLA section 104(e)(7)(42 USC 9604(e)(7))] suggestions on facilities to sample. Upon looking at their websites it appears that they are not advertising crumb rubber for athletic fields, so they may not be good candidates (although from Ex. 3 [CERCLA section 104(e)(7)(42 USC 9604(e)(7))] website it appears as though they use ambient and the elusive "wet-grind" processing technology)

From the call with Ex. 3 [CERCLA section 104(e)(7)(42 USC 9604(e)(7))] made the comment that the only cryogenic processing facilities were the Ex. 3 [CERCLA section 104(e)(7)(42 USC 9604(e)(7))] facilities and the Ex. 3 [CERCLA section 104(e)(7)(42 USC 9604(e)(7))] plant. So if we still wanted to get four cryo facilities (as per the draft research protocol) we'd want the Ex. 3 [CERCLA section 104(e)(7)(42 USC 9604(e)(7))] plants (after we confirm with our POC at Ex. 3 [CERCLA section 104(e)(7)(42 USC 9604(e)(7))] if this is indeed the case) and the Ex. 3 [CERCLA section 104(e)(7)(42 USC 9604(e)(7))]

Also, has there been any updates on whether the labs can use the crumb rubber samples we collected at the Ex. 3 [CERCLA section 104(e)(7)(42 USC 9604(e)(7))] facilities? If so, then we could potentially use the cryo samples taken at the Ex. 3 [CERCLA section 104(e)(7)(42 USC 9604(e)(7))] plant to avoid being duplicative.

Let us know if you have any questions.

Have a great weekend!

Chris

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Chris Carusiello

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